

JC525 U.S. PTO  
01/07/00

JC530 U.S. PTO  
09/479549  
01/07/00

Assistant Commissioner for Patents  
Washington, D.C. 20231

Date 01 / 07 / 00  
Mo. Day Yr.

Atty. Docket 2280.2470

Sir:

Kindly acknowledge receipt of the accompanying:

- ☒ Specifications, claims and abstract 51 pages, with Transmittal Form  
☒ Oath or Declaration and Power of Attorney ☐ Executed ☒ Not Executed  
☒ 12 Sheets of formal ☒ informal drawings  
☒ Check for \$ 1,842.00 (filing fee)  
☐ Small entity declaration  
☐ Assignment, PTO-1595 and Check for \$ \_\_\_\_\_  
☐ Transmittal Under 37 CFR 1.53(d) (CPA)  
☐ Petition under 37 CFR 1.136 and check for \$ \_\_\_\_\_  
☐ Other (specify) \_\_\_\_\_

by placing your receiving date stamp hereon and mailing or returning to deliverer.  
This is a ☐ Continuation ☐ Divisional ☐ Continuation-In-Part

Atty. RRHife

Due Date N / D / D  
Mo. Day Yr.

37 CFR 1.8 ☐  
37 CFR 1.10 ☒  
By Hand ☐

FCIS-A-95

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 2280.2470

First Named Inventor or Application Identifier

E. Michael Ackley, Jr. et al.

Express Mail Label No. EH475133324US

PTO  
09/479549  
0530 U.S.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☐ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

2. ☒ Specification Total Pages **51**

3. ☒ Drawing(s) (35 USC 113) Total Sheets **12**

4. ☒ Oath or Declaration Total Pages **2**

- a. ☐ Newly executed (original or copy)  
b. ☒ Unexecuted for information purposes  
c. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]

i. ☐ DELETION OF INVENTOR(S)  
Signed Statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference (useable if Box 4c is checked)  
The entire disclosure of the prior application, from which a copy of the  
oath or declaration is supplied under Box 4c, is considered as being  
part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)

- a. ☐ Computer Readable Copy  
b. ☐ Paper Copy (identical to computer copy)  
c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))  
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)  
10. ☐ English Translation Document (if applicable)  
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS  
Citations  
12. ☐ Preliminary Amendment  
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)  
14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application  
Status still proper and desired  
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)  
16. ☐ Other: \_\_\_\_\_

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_/\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

05514  
(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

NAME

Address

City

Country

State

Telephone

Zip Code

Fax



CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c))	58-20 =	38	X \$ 18.00 =	\$ 684.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	9-3 =	6	X \$ 78.00 =	\$ 468.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			\$260.00 =	\$
				BASIC FEE (37 CFR 1.16(a))	\$690.00
			Total of above Calculations =		\$1,842.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28).				
	TOTAL =				\$1,842.00

19. Small entity status

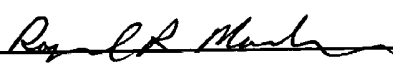
- a. ☐ A Small entity statement is enclosed
- b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.
- c. ☐ Is no longer claimed.

20. ☒ A check in the amount of \$ 1,842.00 to cover the filing fee is enclosed.

21. ☐ A check in the amount of \$ \_\_\_\_\_ to cover the recordal fee is enclosed.

22. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 06-1205:

- a. ☒ Fees required under 37 CFR 1.16.
- b. ☒ Fees required under 37 CFR 1.17.
- c. ☐ Fees required under 37 CFR 1.18.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED	
NAME	Raymond R. Mandra (Reg. No. 34,382)
SIGNATURE	
DATE	January 7, 2000